

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/531,655
Source: PC/10
Date Processed by STIC: 4/26/05

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,655

DATE: 04/26/2005

TIME: 15:45:53

Input Set : A:\LeA 36 365.ST25.txt

Output Set: N:\CRF4\04262005\J531655.raw

3 <110> APPLICANT: Bayer HealthCare AG
 4 Golz, Stefan
 5 Bruggemeier, Ulf
 6 Geerts, Andreas
 8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Human
 9 G-Protein Coupled Receptor 14 (GPR14)
 11 <130> FILE REFERENCE: LeA 36 365
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/531,655
 C--> 13 <141> CURRENT FILING DATE: 2005-04-15
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/011393
 14 <151> PRIOR FILING DATE: 2003-10-15
 16 <150> PRIOR APPLICATION NUMBER: EP02023767.3
 17 <151> PRIOR FILING DATE: 2002-10-24
 19 <160> NUMBER OF SEQ ID NOS: 5
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1170
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1
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 33 gagccagct ccctggagga cctggtggcc acgggcacca ttgggactct gctgtcggcc 180
 35 atgggcgtgg tgggcgtggt gggcaacgcc tacacgtctg tggtcacctg ccgctccctg 240
 37 cgtgcggtgg cctccatgta cgtctacgtg gtcaacctgg cgctggccga cctgctgtac 300
 39 ctgctcagca tccccctcat cgtggccacc tacgtcacca aggagtggca cttcggggac 360
 41 gtgggctgcc gcgtgctctt cggcctggac ttccctgacca tgcacgccag catcttcacg 420
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 45 cgccccaagg gctaccgcaa gctgctggcg ctgggcacct ggctgctggc gctgctgctg 540
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 49 cccgcctggg gccgcgcgc ccaccgcgc tacctgacgc tgcctcttcg caccagcatc 660
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 53 tcgcagcgcg cctccttcaa gcggggcccg cggccggggg cgcgcgcgc gcgcctggtg 780
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 59 acctgcctca cctacggcaa cagctgcgc aacctcttc tctacacgt gctcaccagg 960
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 67 gcgcccaggg gtcccagggc cccggcgtga 1170
 70 <210> SEQ ID NO: 2
 71 <211> LENGTH: 389
 72 <212> TYPE: PRT

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73 <213> ORGANISM: Homo sapiens

75 <400> SEQUENCE: 2

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82          20          25          30
85 Asn Ser Ser Trp Ala Ser Pro Thr Glu Pro Ser Ser Leu Glu Asp Leu
86          35          40          45
89 Val Ala Thr Gly Thr Ile Gly Thr Leu Leu Ser Ala Met Gly Val Val
90          50          55          60
93 Gly Val Val Gly Asn Ala Tyr Thr Leu Val Val Thr Cys Arg Ser Leu
94 65          70          75          80
97 Arg Ala Val Ala Ser Met Tyr Val Tyr Val Val Asn Leu Ala Leu Ala
98          85          90          95
101 Asp Leu Leu Tyr Leu Leu Ser Ile Pro Phe Ile Val Ala Thr Tyr Val
102          100          105          110
105 Thr Lys Glu Trp His Phe Gly Asp Val Gly Cys Arg Val Leu Phe Gly
106          115          120          125
109 Leu Asp Phe Leu Thr Met His Ala Ser Ile Phe Thr Leu Thr Val Met
110          130          135          140
113 Ser Ser Glu Arg Tyr Ala Ala Val Leu Arg Pro Leu Asp Thr Val Gln
114 145          150          155          160
117 Arg Pro Lys Gly Tyr Arg Lys Leu Leu Ala Leu Gly Thr Trp Leu Leu
118          165          170          175
121 Ala Leu Leu Leu Thr Leu Pro Val Met Leu Ala Met Arg Leu Val Arg
122          180          185          190
125 Arg Gly Pro Lys Ser Leu Cys Leu Pro Ala Trp Gly Pro Arg Ala His
126          195          200          205
129 Arg Ala Tyr Leu Thr Leu Leu Phe Ala Thr Ser Ile Ala Gly Pro Gly
130          210          215          220
133 Leu Leu Ile Gly Leu Leu Tyr Ala Arg Leu Ala Arg Ala Tyr Arg Arg
134 225          230          235          240
137 Ser Gln Arg Ala Ser Phe Lys Arg Ala Arg Arg Pro Gly Ala Arg Ala
138          245          250          255
141 Leu Arg Leu Val Leu Gly Ile Val Leu Leu Phe Trp Ala Cys Phe Leu
142          260          265          270
145 Pro Phe Trp Leu Trp Gln Leu Leu Ala Gln Tyr His Gln Ala Pro Leu
146          275          280          285
149 Ala Pro Arg Thr Ala Arg Ile Val Asn Tyr Leu Thr Thr Cys Leu Thr
150          290          295          300
153 Tyr Gly Asn Ser Cys Ala Asn Pro Phe Leu Tyr Thr Leu Leu Thr Arg
154 305          310          315          320
157 Asn Tyr Arg Asp His Leu Arg Gly Arg Val Arg Gly Pro Gly Ser Gly
158          325          330          335
161 Gly Gly Arg Gly Pro Val Pro Ser Leu Gln Pro Arg Ala Arg Phe Gln
162          340          345          350
165 Arg Cys Ser Gly Arg Ser Leu Ser Ser Cys Ser Pro Gln Pro Thr Asp
166          355          360          365
169 Ser Leu Val Leu Ala Pro Ala Ala Pro Ala Arg Pro Ala Pro Glu Gly

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174 385
177 <210> SEQ ID NO: 3
178 <211> LENGTH: 21
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180 <213> ORGANISM: Homo sapiens
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187 <211> LENGTH: 21
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapiens
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196 <211> LENGTH: 24
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198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 5
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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date